

CANADIAN Contract Record

*A Weekly Journal of Public Works, Tenders,
Advance Information and Municipal Progress*

This Paper Reaches Every Week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and Leading Contractors in All Lines Throughout Canada

VOL. 15.

TORONTO AND MONTREAL, MARCH 30, 1904

No. 7.

THE CANADIAN CONTRACT RECORD

PUBLISHED EVERY WEDNESDAY

As an Intermediate Edition of the Canadian Architect and Builder.

Subscription Price, \$5 per annum, payable in advance.

THE C. H. MORTIMER PUBLISHING COMPANY

of Toronto, Limited,
CONFEDERATION LIFE BUILDING, TORONTO.
Telephone Main 2365.

Branch Offices:
Imperial Building, Montreal,
Telephone Main 2399.

25 Great St. Helen's London, England
Advertising Rates on application.

Subscribers who may change their address should give prompt notice of same. In doing so give both old and new address. Notify the publishers of any irregularity in delivery of paper.

Town of Lindsay

TENDERS FOR DEBENTURES

Sealed tenders will be received by the undersigned up to noon on FRIDAY, THE 15TH DAY OF APRIL, 1904, for the purchase of \$55,173.75 four per cent. Local Improvement Debentures of the Town of Lindsay, repayable in equal annual installments of principal and interest as follows: \$25,174.34 in twenty years and \$21,369.75 in ten years.

Debentures to be made in denominations of \$100.00 or over to suit purchaser and are payable at the office of the Town Treasurer, Lindsay.

The highest or any tender not necessarily accepted.

F. KNOWLSON,
Treasurer.

Tenders

Tenders will be received up till 6 p.m. MARCH 31st, inst. for the construction of an enlargement of the Hydraulic System of the Hamilton Cataract Power, Light & Traction Company, Limited, in accordance with plans and specifications which may be seen at the Company's office, 125 King Street East, Hamilton, Ontario, on and after March 15th, 1904. The work embraces construction of dams, canals, bridge abutments, weirs and highways, involving approximately:

424,000 cubic yards of Excavation

3,400 cubic yards of Concrete

33,000 cubic yards of Earthen Embankment

100,000 lineal feet of Piling.

A marked cheque for \$5,000 must accompany each tender, and will be returned to unsuccessful tenderers.

The Company reserves the right to reject any or all tenders.

WM. C. HAWKINS,
General Manager.

TENDERS FOR

\$65,000 Debentures

Sealed tenders will be received up to noon on MONDAY, 4TH APRIL, 1904, at the Town Treasurer's Office, Whitley, for the purchase of \$65,000 debentures, with 6 months' accrued interest, being \$30,000 water works and \$15,000 electric light debentures of the town of Whitley, bearing interest at 4 per cent. per annum, repayable in 30 annual payments of \$3,758.95 each, principal and interest.

Said debentures are dated 2nd November, 1903, and to be delivered on 2nd May, 1904.

All said debentures are made payable at the Town Treasurer's Office, Whitley.

The highest or any tender not necessarily accepted.

JOSEPH WHITE,
Treasurer.

Whitley, 11th March, 1904.

TENDERS FOR

Asphalt and Cement

Sealed tenders, addressed to the Chairman of the Committee on Works, for the supply of from 500 to 1,000 tons of asphalt and from 15,000 to 25,000 lbs. of cement, will be received at the office of the undersigned up to 8.30 p. m. on TUESDAY, APRIL, 12TH, 1904.

Specifications and forms of tender may be obtained at the office of H. N. Rutman, City Engineer, Winnipeg, Manitoba, Canada.

Each tender must be accompanied by an accepted cheque or cash deposit for the sum called for in the form of tender supplied, which will be subject to forfeiture in case of failure on the part of the contractor to enter into a written contract if called upon to do so.

The City reserves the right to reject any or all tenders or to accept any bid which appears advantageous to the City of Winnipeg.

C. J. BROWN, City Clerk -
City Clerk's Office,
Winnipeg, March 17, 1904.

TENDERS

Will be received by the undersigned up to 12 o'clock noon on the 30th DAY OF APRIL, 1904, for the following approximate amounts of sewer pipe, etc., the town reserving the right to increase or decrease any of the sizes and quantities named. All pipe to be first-class salt glazed vitrified, smooth and straight, heavy collar, (collar and spigot corrugated); 2 ft. lengths preferred. The price to be a price per ft. in each case delivered F. O. B. at Owen Sound; car to be shunted to a convenient place for unloading satisfactory to the town, and further, all pipe before being accepted will have to be approved by the Engineer in charge or such other competent person as the Town may appoint. The lowest or any tender not necessarily accepted.

LIST OF PIPE AND JUNCTIONS.

1046' of 24" pipe.
186' of 24" junctions.
1576' of 18" pipe.
220' of 18" junctions.
1498' of 15" pipe.
240' of 15" junctions.
1300' of 9" pipe.
178' of 9" junctions.
Price per dozen for Stoppers, wood, clay.

CHAS. GORDON, Town Clerk,
Owen Sound.

TENDERS FOR

WATER-WORKS EXTENSION

Tenders will be received by the undersigned up to MONDAY, APRIL 4TH, NEXT, for the following waterworks extension material, viz.:

Three Hydrants.
Three 4-inch Valves.
One 6-inch Valve.
One 8-inch Valve.
One 6-inch T.
One 8-inch T.
2,700 feet 6-inch Pipe.
2,800 feet 4-inch Pipe.

Tenders to be F. O. B. Cars at Walkerton Station.

Separate tenders will be received at same time for excavation and laying and all other work required for the completion of said contract.

The contractor furnishing all labor and material. A marked cheque made payable to the order of the Treasurer of the Town of Walkerton for 2 1/2 per cent. of the contract price must accompany each and every tender, otherwise they will not be considered.

The lowest or any tender not necessarily accepted. Plans and specifications may be seen at the office of

W. S. GOULD,
Town Clerk, Walkerton.

TENDERS FOR DEBENTURES

Sealed tenders will be received by the undersigned up to noon on MONDAY, APRIL 4TH, 1904, for the purchase of the following debentures of the Town of Stayner:

\$10,000 in four per cent. debentures of the said town, payable in twenty equal annual installments, for the purpose of building sidewalks and streets. Said debentures payable at the Bank of Toronto, Stayner.

The highest or any tender not necessarily accepted.

No tender will be considered unless accompanied by a marked cheque payable to the Town Treasurer for 5 per cent. of the amount offered, which will be returned in the event of the tender not being accepted.

For further particulars apply to

CHAS. E. JAKEWAY,
Town Clerk,
Stayner, Ont.



TO CONTRACTORS

Sealed tenders addressed to the undersigned and endorsed "Tenders for Works" will be received at this department until noon of SATURDAY, APRIL 9TH, for the following works: First, for Boiler Plant, Steam Heating and Plumbing, and Electric Wiring and Equipment of the Chemistry, Mining and Milling Buildings, School of Practical Science, Toronto; second, for the erection of an Administration Building in connection with the Hospital for Epileptics, near the City of Woodstock.

Plans and specifications can be seen and forms of tenders obtained at this Department and at the above institutions. An accepted bank cheque payable to the undersigned, for five per cent. on the amount of each tender for each of the above works will be required. The cheques of the unsuccessful parties tendering will be returned when the contracts have been entered into for the several work.

The bona fide signatures and business addresses of two parties as securities must accompany each tender.

The Department will not be bound to accept the lowest or any tender.

F. R. LATCHFORD,
Commissioner.

Department of Public Works, Ontario,
Toronto, March 22nd, 1904.

Newspapers inserting (the above) this advertisement without authority from the Department will not be paid for it.

[FOR ADDITIONAL ADVERTISEMENTS FOR TENDERS SEE NEXT PAGE.]

TENDERS FOR STEAM HEATING.

Tenders will be received until APRIL 15th, 1904, for the Steam Heating of Harriston High School, Harriston. Plans and specifications may be seen at the Secretary's Office, Harriston. The lowest or any tender not necessarily accepted.

A. G. CAMPBELL,
Secretary H. S. B.

TENDERS

Will be received by the Gas Department of the Municipality of Owen Sound for putting in coal gas apparatus in present building. The Corporation will supply plans and specifications of present plant. Tenderers will furnish plans and specifications with tenders. Further information will be given by Louis Elwyn, Foreman Gas Department, or W. J. Christie, Chairman Fire and Light Committee.

W. J. CHRISTIE,
Chairman Fire and Light Committee.

NOTICE

Sealed tenders will be received by the undersigned until 6 o'clock p. m., WEDNESDAY, THE 6TH DAY OF APRIL, 1904, for the purchase of the whole or part only of \$8,208.01 of Local Improvement Debentures, made up as follows—\$5,575.05 of principal and \$2,632.96 of interest, repayable in twenty equal annual instalments of \$410.40 each. Interest calculated at 4 per cent. per annum.

J. K. ROCHESTER,
Municipal Clerk of the Town of Kenfrew.

Town of Buckingham

Tenders for Sewers

Sealed tenders, addressed to the undersigned, will be received up to 8 p.m. on FRIDAY, THE 13TH DAY OF APRIL, 1904, for some 5300 feet of 24", 18", 15", 12" and 8" pipe sewers, together with manholes and other appurtenances, on Main, Denis, and other streets of the Town of Buckingham.

Plans and specifications may be seen and forms of tender obtained at the office of the undersigned or of R. W. Farley, C. E., Hull, Que. Tenders must be accompanied by a marked cheque equal to 3 per cent. of the amount thereof. The lowest or any tender not necessarily accepted.

F. M. GORMAN,
Secretary-Treasurer.

Town of Walkerville

TENDERS FOR PAVEMENTS

Sealed tenders will be received by registered post, addressed to the undersigned, up to noon on MONDAY, THE 11TH DAY OF APRIL, 1904, for the construction of

- 1st. A Cedar Block Pavement on concrete foundation 5'.
 - 2nd. Vitrified Brick on concrete foundation 5'.
 - 3rd. Asphalt Block on concrete foundation 5'.
 - 4th. Bitulithic Pavements on the following streets, viz:
 - First street, from Assumption street to Catarqui street.
 - Second street, from Railway to Catarqui street.
 - Third street, from Railway to Catarqui street.
 - Fourth street, from Wyandotte street to Catarqui street.
 - Wyandotte street, from Walker road to west side of First street.
 - Braut street, from Third street to First street.
- Plans and specifications may be seen on application to Mr. Owen McKay, C. E., Walkerville. Tenders must be accompanied by a marked cheque payable to the Town Treasurer, equal to 3 1/2 per cent. of the amount thereof. Should any party whose tender is accepted or his sureties fail to execute the necessary contract and bond for the due fulfilment of the same, his deposit will be forfeited to the town. Deposits of unsuccessful tenderers will be returned. The lowest tender not necessarily accepted. The names of two responsible persons willing to act as sureties must accompany each tender.

CECIL H. ROBINSON,
Town Clerk.
Walkerville, 24th March, 1904.

WANTED

A competent Superintendent and Draftsman for a wood-working factory in Newfoundland. A practical mechanic with some knowledge of drawing and architecture preferred. Apply stating experience, age and salary required, to THE HORWOOD LUMBER CO., Ltd., P.O. Box 8-4, St. John's, N.F.

Sealed Bulk Tenders

will be received up to SATURDAY, APRIL 9TH, for all trades required in the erection of a residence in Aurora. Plans and specifications may be seen at the office of A. A. Conover, Esq., Aurora, or at the office of

F. S. BAKER, Architect,
Mail Building, Toronto.

Municipal Debentures FOR SALE

Tenders are asked for by the undersigned for the purchase of \$4,500 High School Debentures of the Town of Harriston, with interest at 4 1/2 per cent. Payable in 30 equal annual instalments of \$176.37 each on the 1st day of February in each year, at the Standard Bank, Harriston. Debentures delivered at said bank, Harriston. Tenderers to pay accrued interest at said rate from 1st February, 1904, till payment of money. Tenders received till 31st INST. No tender necessarily accepted. Dated at Harriston, March 15th, 1904.

L. BRISBIN,
Town Treasurer.

Harbour Commissioners of Montreal

TENDERS FOR WHARF SHEDS

Tenders sealed and endorsed "Tender for Sheds," and addressed to the undersigned, will be received up to noon on THURSDAY, 27th MAY, 1904, for the erection of fourteen Steel Sheds, of an aggregate length of 6,750 feet by 96 feet in width and two stories in height. Copies of the plans and specifications may be examined and information obtained from Mr. John Kennedy, Chief Engineer, at this office. The lowest or any tender not necessarily accepted.

DAVID SEATH,
Secretary,
57 Common St., Montreal, 2nd March, 1904.



To Contractors, Etc.

TENDERS FOR NEW FIRE HALL

Tenders addressed to the undersigned will be received through registered post only up to noon on

WEDNESDAY, APRIL 6th, 1904, for the various works required in the erection and completion of

A New Fire Hall on Berkeley Street. Plans and specifications may be seen, and all information, together with form of tender, obtained at the Office of the City Architect, City Hall, Toronto. Tenders must be accompanied by a marked cheque, payable to the order of the City Treasurer, or a cash deposit equal to five per cent. on tenders up to \$1,000, and two and one-half per cent. on tenders over that amount. The usual conditions relating to tendering, as prescribed by City By-law, must be strictly complied with. Should any party whose tender is accepted fail to execute the necessary contract and bond, and give satisfactory security for the due fulfilment of the contract, the deposit accompanying the tender will be forfeited to the city. The lowest or any tender not necessarily accepted. The deposits of unsuccessful tenderers will be returned.

THOS. URQUHART (Mayor)
Chairman of Board of Control.
City Hall, Toronto, March 25th, 1904.

WANTED

Architectural Draughtsman. Apply stating experience to W. M. Dobb, Architect, Calgary, Alta.

WANTED

Architectural Draughtsman, for a Winnipeg Office. Good salary and permanent position for a first-class man. Box 13, CONTRACT RECORD.

TENDERS

Town of St Boniface

Tenders will be received at the office of the undersigned until 12 o'clock, noon, on the 4th day of April, 1904, for—
1000 lbs. of 3/4-inch lead pipe, weighing 8 lbs. to the yard.
22,000 lbs. of 1/2-inch lead pipe weighing 7 lbs. to the yard.
53,000 lbs. of pig-lead, "Cookston" or its equivalent.
700 lbs. of yearn for the laying of water mains.
25 dozen of 3/4-inch stop-cocks.
1 dozen of 1/2-inch by 1/2-inch two ways.
24 dozen of 3/4 inch nozzles.
1 dozen of 1/2 inch nozzles.

The tender for stop-cocks, nozzles, etc., must be accompanied with drawings showing the form of the articles. The whole to be delivered F.O.B. St. Boniface, Man., on or before the 15th day of May next. St. Boniface, March 15th, 1904.

THEO. BERTRAND,
Secretary-Treasurer.

CONTRACTS OPEN.

INNISFAIL, N.W.T.—The Orange-men have decided to build a hall here.

WATERLOO, ONT.—Plans will be prepared at once for the new Evangelical church.

MORRIS, MAN.—Citizens have subscribed \$12,000 towards building a flour mill here.

WOODSTOCK, ONT.—A proposal is on foot looking to the erection of a new city hall.

KINGSVILLE, ONT.—It is the intention of Dr. McKenzie to build a new residence.

DUTTON, ONT.—D. D. Cambell has purchased property on which to build a new residence.

NEW HAMBURG, ONT.—Stuart Bros., of Mitchell, purpose building a flour mill here.

MAISONNEUVE, QUE.—M. Demers proposes to establish a sash and door factory here.

AYLMER, QUE.—Early steps will likely be taken to construct a sewerage system for the town.

DELORAIN, MAN.—The Hudson's Bay Co. will erect a new office and store building here.

RICHMOND, QUE.—The Nuns of the Congregation of Richmond purpose enlarging their convent.

CAMPBELLTON, N.B.—It is reported that the Intercolonial Railway will build a new station here.

GANANOQUE, ONT.—W. W. Oviatt has purchased property on which he intends building a residence.

NEWCASTLE, N. B.—Government engineers have completed surveys preparatory to extension of wharf.

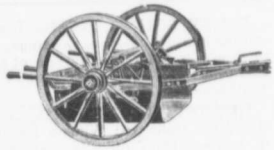
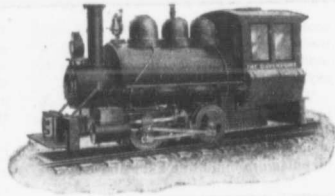
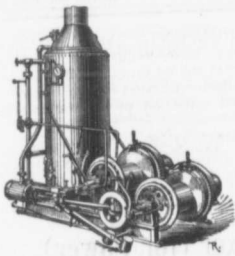
CHATHAM, ONT.—The construction of a brick pavement on Victoria avenue has been decided upon.

PETERBOROUGH, ONT.—The Council propose to construct a number of granolithic sidewalks this year.

BROCKVILLE, ONT.—Tenders will shortly be invited for the Victoria Hall improvements, from plans by B. Billon, architect.

WINDSOR, ONT.—The Board of Education have taken tenders on the enlargement of the Tuscarora street school.

Man
The
of
hand
Cont
DIO
Weym
which
himsel
SAI
Railw.
a red
foot w
ST.
been
provid
system
SAI
Secret
up to
school
NE
M. P.
\$25,00
hotel b
MIL
C.E.,
to pre
for th
POI
to A,
house,
archit
LIS
borrow
works
ratepa
ALI
church
buildi
appir
NO
North
pany l
of wh
POI
McKa
constr
vicinit
MO
manag
tender
station
HA
missio
buildi
school
ST.
Bros.
erectir
a num
SPE
maturi
Drum
mence
buildi

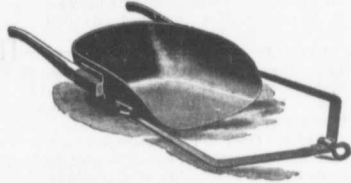
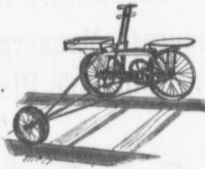


Let us figure with you on Supplies for your Spring Work

W. H. C. MUSSEN & CO.

MONTREAL

These are only a few of our lines. We handle everything in Contractors' Supplies



Portland Cements

Highest Grade

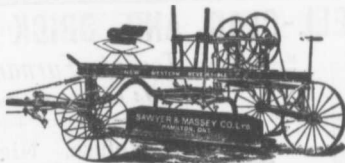
Canadian, German, English and Belgian

DRAIN PIPES and Connections of all kinds.
PAVING BRICKS, ENAMELLED BRICKS,
FIRE BRICKS, FIRE CLAY, Etc., Etc.

F. HYDE & CO.,

31 Wellington Street

MONTREAL



The Steel 'Western Reversible'

In addition to being THE BEST GRADER MADE is also an EXCELLENT SNOW PLOW
Write for particulars of this and other lines of HIGH-GRADE ROAD-MAKING MACHINERY

Sawyer & Massey Co., Limited
Hamilton, Canada

PORTLAND CEMENT

SEWER PIPES

FIRE BRICKS

FIRE CLAY

ALEX. BREMNER

50 Bleury Street, MONTREAL



RAILS

JAMES COOPER,

We Can Quote for
Cammell's
STEEL RAILS

All Sections

All Weights

Also Relayers

MONTREAL

DIGBY, N.S.—Charlton Mullin, of Weymouth, has purchased land here on which he will erect a fine residence for himself.

SARNIA, ONT.—The Sarnia Street Railway Company contemplate building a red brick car barn 32x115 feet, with 20-foot walls.

ST. STEPHEN, N.B.—A bill has been introduced in the Legislature to provide for construction of a waterworks system here.

SAND POINT, ONT.—Wm. Brill, Secretary-Treasurer, will receive tenders up to April 10th for erection of brick school.

NEEFAWA, MAN.—J. H. Howden, M. P. P., is organizing a company with \$25,000 capital to build a first-class hotel here.

MIDLAND, ONT.—Willis Chipman, C.E., of Toronto, has been commissioned to prepare plans for a sewerage system for this town.

POOLE, ONT.—Tenders invited up to April 15th for remodeling school house, from plans by Orr & Russell, architects, Stratford.

LISTOWEL, ONT.—The by-law to borrow \$10,000 to complete the waterworks system will be submitted to the ratepayers on April 26th.

ALMONTE, ONT.—St. Andrew's church will erect a new Sunday School building, a committee having been appointed to obtain plans.

NORTH VANCOUVER, B.C.—The North Vancouver Ferry & Power Company have just taken tenders on building of wharf and floating stages.

PORT ARTHUR, ONT.—The Mount McKay & Kakabeka Falls Co. wish to construct an electric railway in the vicinity of the Kakabeka Falls.

MONCTON, N. B.—D. Pottinger, manager Intercolonial Railway, wants tenders by April 5th for erection of station and dwelling at Kemot, Que.

HALIFAX, N. S.—The School Commissioners have decided to erect a new building to replace the Young street school, at estimated cost of \$12,000.

ST. THOMAS, ONT.—The Thomas Bros. Manufacturing Company purpose erecting an addition to their factory, also a number of cottages for their employees.

SPRINGHILL, N.S.—Plans are about matured for erection of a new hotel on Drummond street.—Work will be commenced this spring on a new Y.M.C.A. building.

30, 1904
ly stating ex-
algary, Alta.
D
a Winnipeg
it position for
R. K. Brock.
CS
oniface
office of the
n, on the 4th
hing 8 lbs. to
ighting 7 lbs.
1" or its equi-
water mains.
ways.
es, etc., must
showing the
St. Boniface,
May next.
RAND,
ary-Treasurer.
IN.
The Orange-
hall here.
Plans will be
Evangelical
ns have sub-
ding a flour
A proposal is
on of a new
— It is the
o build a new
D. Camobell
which to build
ONT.—Stuart
e building a
UE. — M.
ish a sash and
ly steps will
ct a sewerage
— The Hud-
e office and
The Nuns of
mond purpose
k.—It is report-
Railway will
.— W. W.
erty on which
fence.
.—Government
d surveys pre-
harf.
The construc-
on Victoria
upon.
ONT.— The
act a number of
year.
.—Tenders will
e Victoria Hall
by B. Billon,
The Board of
enders on the
ascarora street

PARRY SOUND, ONT.—Tenders wanted by the Dominion Government up to April 25th for construct on of a pile wharf here. Plans on application to the Postmaster.

HUNTSVILLE, ONT.—The School Board has authorized William Proudfoot to prepare plans for a ten-room school building with steam heating; estimated cost \$14,400.

ST. CATHARINES, ONT.—At a meeting of the C.A.A.O. Executive held last week it was decided to proceed at once with the new stand and club house to be built here.

CALGARY, N. W. T.—It has been suggested that the City Council approach the Dominion Government with a view to the erection of a combined city hall and federal building.

LITTLE CURRENT, ONT.—The Little Current Rink Company has been formed, capital \$5,000, to construct a rink. Directors, R. H. Turner, Dr. Carruthers, and others.

GALT, ONT.—The ratepayers will next month vote on a by-law to provide funds for the construction of a sewerage system. W. M. Davis, C.E., of Berlin, estimates the cost at \$57,000.

PENETANGUISHENE, ONT.—As

soon as the Boys' Reformatory is vacated the Ontario Government propose to remodel and improve the building for asylum purposes, at a cost of \$30,000.

TILSONBURG, ONT.—C. H. Burkholder has purchased property on the corner of Brock and Harvey streets and will erect a building 50x100 feet for the manufacture of automobiles and bicycles.

LONDON, ONT.—The Water Commissioners have requested the City Engineer to submit estimates of the cost of the different schemes for the improvement and extension of the waterworks system.

QUEBEC, QUE.—The Quebec & Lake St. John Railway Company is applying to the Dominion Government for a

Gilbreth's Rotary Concrete Mixer (for Power)
 The Portable Gravity Concrete Mixer
 The Rotary Man Power Concrete Mixer
 The Accurate Measurer & Feeder
 The Portable Platform Set Up
 The Tipping Box

For Feeding Concrete Mixers.

E. F. DARTNELL, Agent

SEND FOR CATALOGUES.

MONTREAL

PORTLAND CEMENT, HYDRAULIC LIME, CHINA CLAY
 E. FREEMAN, 20 Bucklersbury, LONDON, ENG.



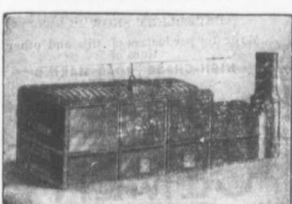
Sole Agent for U.K. and Colonies for Oldest Continental Works



Supplying to Contracts on the Principal Railways, Large Sewage and Sea Defence Works, etc., in England. Will be Pleased to Quote to the Wholesale Trade Only.

CORRESPONDENCE INVITED FOR CONTROL OF BRANDS

PERFECTION STEEL-CLAD AND BRICK SET INCINERATORS



MANUFACTURED BY

Toronto Furnance & Crematory Co., LIMITED

14 and 16 Queen St. East, TORONTO, CANADA

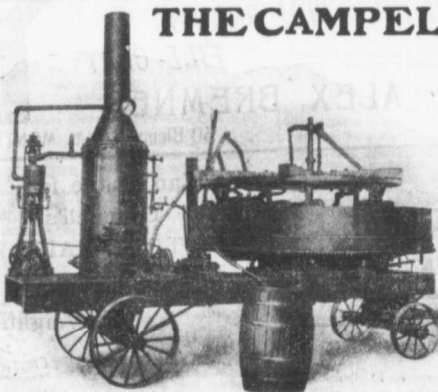
Experts in sanitary disposal of dangerous wastes,

Garbage, Refuse, Night Soil, Dead Animals,

For Cities, Towns, Hospitals, Hotels, Abattoirs, etc.

The plants embody the newest features of modern practice and are constructed to meet the requirements of the smallest towns and the largest cities, capacities ranging from 4 to 100 tons daily. Correspondence invited.

THE CAMPELL CONCRETE MIXER



For Mixing Concrete, Cement, Mortar, Plaster and any similar material. The only machine in which material is always in plain sight; that mixes a batch in less than two minutes; that makes a perfect mixture, no matter what class of work is being done.

Good Roads Machinery Co.
 HAMILTON, ONT.

1/2 YARD SIZE MOUNTED ON TRUCKS.

charter from C
 ilton Ir

KIM
 have fr
 Compa
 between
 connec
 and H

CAN
 Kansai
 by the
 workin
 bridge
 cost, \$

STE
 Veibert
 up to A
 buildin
 and Al

James
 TOF
 The P
 decide
 Weste
 Tende
 dition

STR
 now be
 built b
 be 38
 brick,
 equip

WI
 new ci
 ation,
 the pr
 erecte
 nish C

WA
 ton &
 been fi
 nectin
 Hand
 ander

Scott,
 NA
 ernme

ORI

PL
 FL
 D

S. F

E. V

II
 I
 S
 G
 N

507 Ma

THE

Main

SPRCA
 mate
 o

M
 Exper
 at

THE

“HE

Ver
 walka
 Highe
 addre

charter for a steam or electric railway from Chicoutimi to Regrale Bay or Hamilton Inlet.

KIMBERLEY, ONT.—The citizens have formed the East Grey Telephone Company, to establish a telephone system between Thornbury and Markdale, and connecting Ravenna, Kolapore, Duncan and Heathcote.

CANSO, N. S.—Wardell & Hedrick, Kansas City, Mo., have been instructed by the Strait of Kanson Bridge Co. to prepare working plans for proposed cantilever bridge across the Canso Strait; estimated cost, \$5,000,000.

STE. CUNEGONDE, QUE.—J. P. Vebrt, City Clerk, will receive tenders up to April 9th for erection of a municipal building. Plans at office of C. Dufort and Alphonse Piche, architects, 214 St. James street, Montreal.

TORONTO JUNCTION, ONT.—The Public School Board have finally decided to build an addition to the Western Avenue school, cost \$9,000.—Tenders will shortly be invited for addition to St. John's church.

STRATFORD, ONT.—Tenders are now being invited for new buildings to be built by the Avon Knitting Company, to be 38 by 71 feet, three stories, white brick, gravel roof, steam heating, and equipped for electric power.

WINDSOR, ONT.—The tenders for new city hall being above the appropriation, the project may be abandoned for the present.—The new buildings to be erected by the Standard Paint & Varnish Company will cost \$40,000.

WALKERTON, ONT.—The Walkerton & Lucknow Railway Company has been formed to construct a railway connecting Walkerton, Lucknow and Hanover. The promoters include Alexander Shaw, L. C. Benton and J. H. Scott, of this town.

NANAIMO, B.C.—The Dominion Government are asking for tenders up to

April 12th for erection of addition to post-office here. Plans at post-office, at office of William Henderson, Clerk of Works, Victoria, and at the Department of Public Works, Ottawa.

COLLINGWOOD, ONT.—A Minneapolis firm has prepared plans for the new elevator to be built here by a company now in process of formation. The building will be of cement and steel and consist of 18 circular bins 30 feet in diameter, 90 feet high, with a steel cupola 65 feet high.

STRATHROY, ONT.—Plans have been completed of the new Roman Catholic church to be built here this summer. Particulars from Rev. Father Tobin.—The Town Council will submit a by-law to the ratepayers to provide

\$10,000 for improvements to the electric light plant.

BRANDON, MAN.—The City Engineer is working on a scheme for a large trunk sewer.—W. R. Marshall, architect, has prepared plans for a \$12,000 clubhouse for the Brandon Club.—W. H. Shillinglaw, architect, has made plans for a residence for R. J. Campbell, also for

Water Washed Sand

Is as cheap as pit sand and gives 50 per cent. stronger concrete or mortar.

The City of Toronto have contracted for all the sand they use for 1904 with this Company since using it in 1903. Stock always on hand. Try it

SAND & DREDGING, Limited
Tel. M. 4507 John Street Dock, TORONTO

WARREN'S PATENT "BITULITHIC" PAVEMENT

IS THE 20TH CENTURY PAVEMENT FOR CITIES

Has been laid in Montreal, Chatham, London and Glace Bay. It is clean, sanitary, and gives an excellent foothold for horses. Write for particulars and estimates to

THE WARREN BITUMINOUS PAVING CO., LIMITED

Head Office: 164 Bay Street, TORONTO, ONT.

IRON CLAD CEMENT

MANUFACTURED AT . . .
GLENS FALLS, N.Y., U.S.A.

Highest Grade Artificial Portland Cement. Most Finely Ground and Strongest. HAS TEN YEARS RECORD.

Sold by Canadian Dealers, Montreal, Ottawa

W. A. COOK, Representative for Canada, Street Railway Chambers, MONTREAL

THE PHOENIX BRIDGE & IRON WORKS, LIMITED MONTREAL

GENERAL STEEL CONTRACTORS

Large Stock I BEAMS, CHANNELS, ANGLES, TEES, ZEES and PLATES always on hand.

THE LAKEFIELD PORTLAND CEMENT CO., LIMITED

Manufacturers and Sales Agents of

MONARCH BRAND PORTLAND CEMENT

One grade only—Straight Portland. Unexcelled for Strength, Color and Uniformity.

The Recognized Standard Canadian Brand

Used by the Dominion Government, large Corporations, and leading Contractors throughout Canada

Phone, wire or write for prices to

THE LAKEFIELD PORTLAND CEMENT CO. Limited, - Lakefield, Ont.
Long distance phone No. 29.

ORILLIA PLANING MILL

Near G.T.R. Station

PLANING, MOULDINGS, MATCHING, FLOORING, RESAWING, SIDING Done any quantity. Write for price.

S. POMEROY, Phone 113

E. VON DER OSTEN & CO.,

Consulting Engineers

Industrial Plants. Waterworks. Lighting and Power Plants Sewerage and Sewage Disposal Garbage Reduction Plants Municipal Improvements

73 Queen Street West, 507 Manning Chambers, TORONTO, ONT.

THE CANADIAN INSPECTION COMPANY, LIMITED

Main Office and Laboratories:

146 St. James Street, MONTREAL

SPECIALTIES: Inspection of RAILS and all material for BRIDGES, BUILDINGS, and other structures, cast iron pipe, wood and steel railroad cars.

MANUFACTURE AND ERECTION. Expert examination and reports, chemical analyses and physical tests of all kinds. Cement Testing.

THE GREY AND BRUCE PORTLAND CEMENT COMPANY

of Shallow Lake, Limited.

Manufacturers of BRAND OF

"HERCULES" PORTLAND CEMENT

Very finely ground. Unsurpassed for Sidewalks, Floors and all work requiring the Highest Grade of Portland Cement. For prices address,

A. D. CREASOR, Sec'y-Treas. Head Office, Owen Sound, Ont.



A HUMILIATING POSITION

To have a friend decline to go on your Bond, but why should any man go on a Bond.

The United States Fidelity & Guaranty Co.

Issues all kinds of Bonds.

KIRKPATRICK & KENNARD, Mgrs. for Canada.

6 COLBORNE STREET, TORONTO, ONT.

PORTLAND CEMENT

T. M. Morgan

Manufactures the

CRESCENT & DIAMOND BRANDS

AS GOOD AS THE BEST FOR ANY PURPOSE

Office and Works: Longue Point, MONTREAL, QUE.

Long Distance Phone R. 436 Ring 2.



a fine building for J. J. Henslip, hardware merchant, Alameda, N. W. T.

ST. JOHN, N.B.—The Dominion Government estimates contain an appropriation to provide a water supply at Partridge Island. The work will be quite expensive, as excavations of considerable dimensions will be necessary.—E. Manning, Secretary, is offering for sale \$17,500 school debentures.—Tenders will shortly be invited for an addition to the Union Club building.

VICTORIA, B.C.—It is the intention of the City Council to extend the system of permanent sidewalks to James Bay in the near future.—F. M. Rattenbury, architect, has prepared plans for alterations and additions to the Nathan building on Government street for the B.C. Land & Investment Company; estimated cost, \$15,000.

OTTAWA, ONT.—Local capitalists have purchased property in Gloucester Township on which it is proposed to build a large tannery.—The city is asking for tenders up to April 15th for street lighting by electricity.—Mr. Ewart, architect, has been instructed to prepare plans for alterations to the Isolation Hospital.—The Department of Marine expect to expend about \$1,000,000 this year in the erection and improvement of light-houses, chiefly along the St. Lawrence route.

HAMILTON, ONT.—It is probable that the city will invite new tenders for the supply of sewer pipe.—D. McBride will build nine houses at corner of John and Simcoe streets.—Swift & Company, of Chicago, have acquired the business of the Rosemary Company in this city and will make extensive alterations and additions to the plant.—Building permits have been granted as follows: E. B. Patterson, brick house on Wilson street for S. Scott, cost \$1,200; John Poag, brick house on Sanford ave., between Barton and Cannon streets, cost \$1,900; Charles Mills, alterations to Knox church, cost \$15,000.

MONTREAL, QUE.—The 14 steel sheds and roadways for which the Harbor Commissioners are inviting tenders are estimated to cost \$3,000,000. They will be built in sections, the last to be completed by May 1st, 1906.—Sir William Macdonald has donated \$100,000 and a site for a Students' Union building to be built in connection with McGill

(Continued on page 10.)

DEBENTURES

Municipalities contemplating the issue of Debentures will find it to their advantage to communicate with

G. A. STIMSON & CO.

Investment Dealers

24 and 26 King St. W. TORONTO

THE ONTARIO ASPHALT BLOCK CO., LTD.

MANUFACTURERS OF

ASPHALT BLOCK PAVING

Information and samples furnished municipalities on application.

Main Office: WINDSOR, ONT.

Works: WALKERVILLE, ONT.

McGREGOR & McINTYRE, LIMITED

67 to 91 Pearl Street, Toronto, Ont.

STRUCTURAL IRON WORKS

Fire Escapes, Library Racks, Sidewalk Door, Jail Cells, Iron Stairs, Railings, Etc Etc.

WRITE FOR ESTIMATES.

Dominion Bridge Co., Ltd.

P. O. Address, MONTREAL, Works at LACHINE LOCKS, P. Q.

STEEL BRIDGES

For Railways and Highways
Piers, Trestles, Water Towers
Tanks, Buildings, Roofs, Girders,
Beams and Columns

Toronto Agent: GEO. E. EVANS,
38 Canada Life Bldg., TORONTO, ONT

THE

Canadian Casualty and Boiler Insurance Co.

Head Office: N. E. Cor. Adelaide and Victoria Streets, TORONTO.

The Steam Boilers of Civic and Municipal Steam Plants, and Corporation and Public Works, Power and Electric Light Plants regularly inspected.

A STEAM BOILER POLICY

in the Canadian Casualty and Boiler Insurance Company, includes the services of Consulting Engineers free of cost. Write for book to Steam Users.

ALEXANDER SUTHERLAND, D.D., President.
H. N. BATE W. S. DINNICK, Vice-Presidents.

A. G. C. DINNICK, Managing Director
A. M. WICKENS, Chief Engineer

R. F. WENTZ ENGINEERING CO.

Consulting Engineers and Cement Work Specialists

Designing Cement Plants. Superintendence of Construction. Specifications and Estimates.

Inspection and Reports of Cement Material and Properties.

Analysis and Tests of Raw Material and Cement.

Designed and constructed 24 CEMENT PLANTS in United States and Canada.
20 YEARS PRACTICAL EXPERIENCE designing, constructing and operating cement works.

CEMENT PROPERTIES FOR SALE.

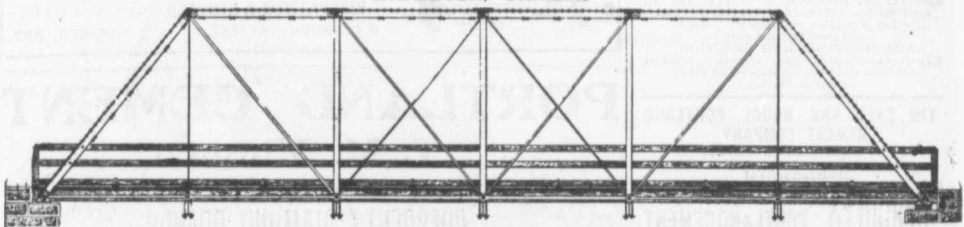
For further information address—

ROBERT F. WENTZ, M.W.S.E. PREST

OFFICES: 12-15 Babb's Block, - - NAZARETH, PA., U.S.A.
509-510 Manning Chambers, TORONTO, ONT., CAN.

The Hamilton Bridge Works Company, Limited

HAMILTON, CANADA



HIGHWAY BRIDGES A SPECIALTY

GENERAL STEEL CONTRACTORS

Large Stock I BEAMS, CHANNELS, ANGLES and PLATES
always on hand.

Established 1898.
The Hanover Portland Cement Co., Ltd
 Hanover, Ontario.
 Manufacturers of the Celebrated
"SAUGEEN" Brand of PORTLAND CEMENT
 Prices on application.

Paving Granite

Granite Sets for Street Paving — CURBING cut to any shape ordered. — Fine Rich Colors for Building and Monumental Purposes.
 Quarries, St. Philippe d'Argenteuil, P.Q.

Address all communications to

JOS. BRUNET - COTE DES NEIGES, MONTREAL

TUNNEL CITY BRIDGE & IRON WORKS

Steel Bridges and Structural Work.
 Works: Port Huron, Mich., and Sarnia, Ont

HIGHWAY BRIDGES

Roofs, Steel Buildings and Structural Iron Work of all Descriptions.

ARTIFICIAL STONE PAVEMENTS

SIDEWALKS A SPECIALTY
 Will do well to consider our work and prices before letting contracts
The Silica Barutic Stone Company of Ontario, Limited.

WALTER MILLS, General Manager
 Head Office: **INGERSOLL, ONT.**

Road Machinery
 Fire Appliances
 Contractor's Plant
 Stone Crushers, all sizes
 Steam Road Rollers
 Road Graders
 Steam and Gasoline Fire Engines, Etc.

T. A. MORRISON & CO.
9 Mechanics' Bldg. MONTREAL

M. BEATTY & SONS
WELLAND, ONT.

Dredges, Ditchers, Derricks and Steam Shovels
 of various styles and sizes to suit any work.

Submarine Rock Drilling Machinery, Hoisting Engines, Suspension Cableways, Horse-Power Hoisters, Gang Stone Saws, Centrifugal Pumps for Water, Sand and Gold Mining, and other Contractors' Plant.

PORTLAND CEMENT
SAMSON BRAND MAGNET BRAND

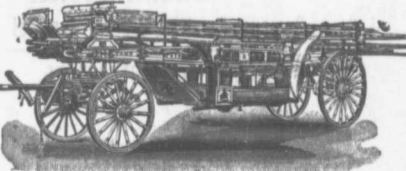
MANUFACTURED BY
THE OWEN SOUND PORTLAND CEMENT COMPANY, Limited, Owen Sound, Ont.
 Works at SHALLOW LAKE, ONT. Write us for prices.

THE CANADIAN PORTLAND CEMENT COMPANY, LIMITED

Manufacture **"RATHBUN'S STAR" Brand**
 The Leading Canadian Portland Cement.
 Capacity of Works: 500,000 Barrels Per Year.
 SALES AGENTS
The RATHBUN CO. St. Lawrence Portland Cement Co.
 310-32 Front Street West, TORONTO, ONT. 202-203 Board of Trade Building, MONTREAL.

LIGHTNESS, STRENGTH AND ECONOMY

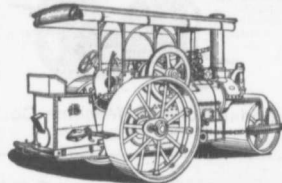
Seagrave Patent Trussed Ladders, Trussed Aerial, City Service and Village Hook and Ladder Trucks, Combination Hook and Ladder Trucks and Chemical Engines, Trussed Trucks and Hand Pumps, Combination Hose Wagons and Chemical Engines, Hose Wagons, Combination Hook and Ladder Trucks and Hose Wagons, Chemical Engines, Fire Extinguishers, Hose Reels, Patrol Wagons, Ambulances, Specialty Wagons, Patent Sleigh Runners, and other Modern Fire Fighting Tools.



Prompt attention given all inquiries. All goods built to order.

Long Distance Phones 686 and 684 **W. E. SEAGRAVE,** WALKERVILLE ONT.

"WATEROUS" ROAD MACHINERY AND FIRE APPARATUS

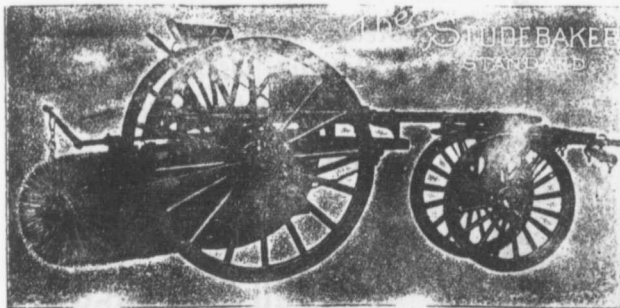


FIRE ENGINES in five sizes, with a full line of fire-fighting goods

We Rebuild other makes of Fire Engines with our patent Boiler

BRANTFORD PITTS DOUBLE ENGINE STEAM ROAD ROLLER
 IN THREE SIZES—10, 12 and 16 ton.
 CORRESPONDENCE SOLICITED.

HUGH CAMERON & CO., Selling Agents, 72 Queen St. West, Manning Chambers, TORONTO



Stackpole Patent Improved **Street Sweeping Machine** is the Standard of Perfection

Because no sweeper so effectually does the work for which it is designed as "The Studebaker." It Sweeps Clean. No sweeper is constructed with the same degree of care and mechanical precision. It Wears Well. "The Studebaker" has the smallest number of working parts, and has less gearing than any other sweeper made. It is free from all unnecessary complications. With reasonable care it does not get out of order. Send for complete descriptive catalogue



Studebaker Sprinkler (PATENT IMPROVED.)

Does not clog or get out of order. Greatest width of spray can be graded from driver's seat to any volume.

We also make an **IMPROVED VERTICAL SPRAY** for Pavements.

Geo. Heaman, Mfr., London, Ont.

LTD.
KERVILLE, ONT.

WITED

S
Cells, Iron

BRIDGES
Highways
Water Towers
Boys, Girders,

ANS,
TORONTO, ONT

y and
e Co.
BRONTO.

ration
ected.

es the
Users.

Managing Director
Chief Engineer

C CO.
Specialists

d Estimates.
ties.

es and Canada.
and operating

I.S.E. PREST
PA., U.S.A.
ONT., CAN.

Limited



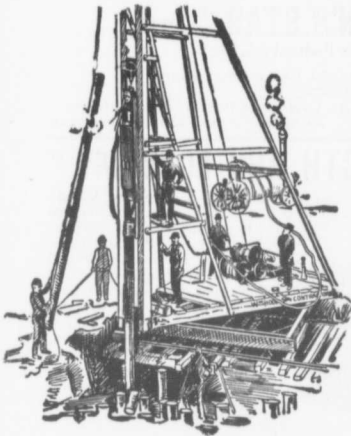
LES and PLATES

The Canadian Bridge Co., Limited

WALKERVILLE, ONT.

MANUFACTURERS OF RAILWAY AND HIGHWAY BRIDGES

Locomotive Turn Tables.
Roofs, Steel Buildings and
Structural Iron Work of all descriptions



PILE DRIVING

on land or water by Steam Pile Drivers or Drop Hammers.

Portable Boilers
Hoisting Engines
Pumping Machinery

TO LET

Bridge Building, Trestle Work, Wharves,
Dams, Diving Submarine Work and
General Contracting.

WM. HOOD & SON
10 Richmond Sq. - MONTREAL

**THE DELANO-OSBORN
ENGINEERING CO., LIMITED**
MANNING CHAMBERS TORONTO
CONSULTING, CIVIL, MECHANICAL AND
ELECTRICAL ENGINEERS.

A TRIUMPH OF THE METALLURGIST ART

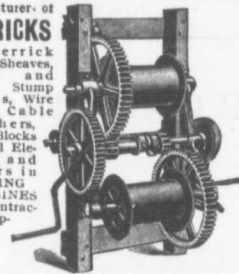
MANGANESE
Anti-Friction
Babbitt Metal
Syracuse Smelting Works, Montreal

Notice to Contractors.

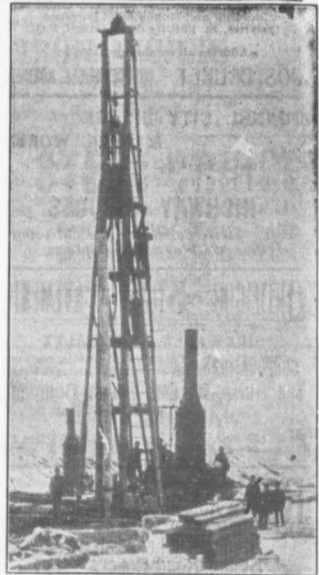
*The Niagara Falls Machine &
Foundry Co., Limited,*
Niagara Falls, Ont.,

are making a speciality of improved
HOISTING AND BUILDING ENGINES.
Write for Prices.

Manufacturers of
LERRICKS
and Derrick
Irons, Sheaves,
Hooks and
Chains, Stump
Pullers, Wire
and Cable
Stretchers,
Tackle Blocks,
Material Elev-
ators, and
Dealers in
HOISTING
ENGINES
and Contractors'
supplies.



National Hoist & Machine Co.
463 West 23rd Street, Chicago



PILE DRIVING

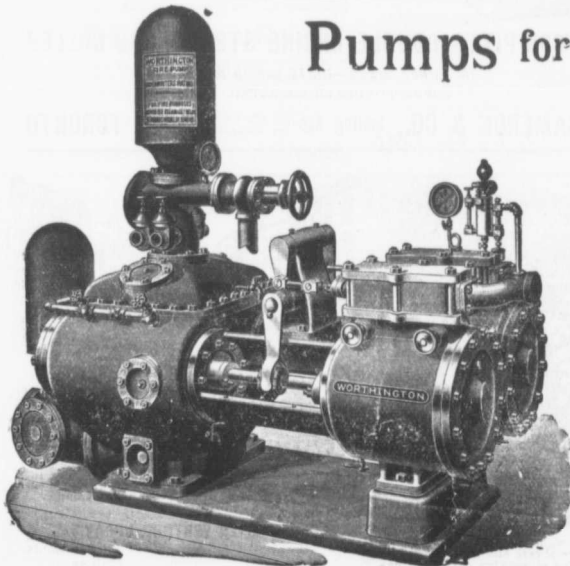
and Foundation Work.

By 5-ton Automatic Steam Pile Hammer
Water Jet or Drop Hammers, Dock Build-
ing, Submarine Work and Dredging.

BUILDING MOVER AND WRECKER
General Contracting.

JNO. E. RUSSELL, - Toronto
908 Queen St. E. - Phone M. 2007.

Pumps for Waterworks



Waterworks Systems
Installed

Steam, Hydraulic, Electric,
Gasoline, Air Lift and
Automatic Rams.

**Steam Boilers and
Filters**

Write for Prices and Particulars

The John McDoagall

GALEDONIAN IRON WORKS CO., LIMITED
MONTREAL, P.O.

MUNICIPAL ENGINEERS, CONTRACTORS AND MATERIALS

WILLIS CHIPMAN

Hon. Grad. McGill University.
M. Can. Soc. C.E. M. Am. Soc. C.E.
Mem. Am. W.W. Ass'n.
**WATERWORKS, SEWERAGE WORKS, GAS
WORKS, ELECTRIC LIGHT AND
POWER PLANTS**
Reports, Surveys, Construction, Valuations
103 BAY STREET - TORONTO

R. E. SPEAKMAN, C.E.

A. M. Inst. C. E., 1878.
CONSULTING ENGINEER

Waterworks, Sewerage and Sewage Disposal.
Municipal Improvements.
Granolithic Pavements.
Electric Light Plants.
Drainage and Irrigation of Land.
Coal Handling Plant and Machinery.
Plans, Specifications and Estimates.
Construction and Valuations.

Canada Life Building - TORONTO

Roderick J. Parke

Am. Can. Soc. C.E., A.M. Amer. Inst. H.E.
CONSULTING ENGINEER

Hydraulic Power Development. Long Distance
Power Transmission. Steam Plants, Electric
Lighting and Power Systems. Tests
Valuations. Reports.

51-51 James Building, Cor. - TORONTO, CANADA
King and Yonge Streets

Telephones: Office—Long Distance Main 3047
Residence—Long Distance North 2204
Telegraphic address: "Rodparke."
W. U. Code, Univ. Edition.

WM. H. BREITHAUP, C.E.

M. Am. Soc. C.E., M. Can. Soc. C.E.
CONSULTING STRUCTURAL ENGINEER

Foundations, Bridges, Buildings.
BERLIN, ONT.

JAMES C. KENNEDY,

MEM. CAN. SOC. C. E.
Civil and Hydraulic Engineer

Examinations, Reports, Plans, Estimates,
Supervision of Construction of Water
Powers, Waterworks, Sewerage, etc.
P. O. Box 131, HAWKESBURY, ONT., and
877 Dorchester Street, MONTREAL, QUE.

ROSS & HOLGATE

Consulting and
Supervising Engineers

Water Powers, Electric Light and Power
Plants, Structural Work. Reports,
Estimates, Arbitrations.

80 ST. FRANCOIS XAVIER ST. - MONTREAL

**RAILS
LOCOMOTIVES & CARS**

For Contractors, Switches, Gir-
ders, &c.
New and Second Hand
John J. Gartshore
83 Front St. West,
(Opposite Queen's Hotel.) TORONTO.

FIREMEN'S LADDERS

—AND—
LADDER TRUCKS

We make the lightest, quickest,
strongest and cheapest. Every Town
and Village needs them and can afford
them. They will save 50 times their
price in insurance premiums. Write
for circulars and quotations.

THE WAGGONER LADDER CO., Limited
LONDON - ONT.

John H. Jackson

CIVIL ENGINEER
WATER POWER, ELECTRIC RAIL-
WAYS, STRUCTURAL STEEL.

Niagara Falls, Canada

Associated with Charles H. Mitchell,
C. E., Hydraulic Engineer.

CHARLES BRANDEIS

A. M. Can. Soc. C. E., A. M. Amer. Inst. H. E.
CONSULTING ENGINEER
Estimates, Plans and Supervision of Hydraulic
and Steam-Electric Light, Power and Railroad
Plants, Specifications, Reports, Switchboard
Designs, Complete Factory Installations, Etc.
Long Distance Telephone Main 12 6.
Cable Address: Brandeis-Montreal.
W. U. Code, Univ. Edition.
Liverpool & London & Globe Building.
MONTREAL

"IMPERIAL BRAND" PORTLAND CEMENT

You will surely admit that the best is none too good, and if you are
requiring Cement give "IMPERIAL BRAND" a trial. We guarantee
our product and can ship a quantity at once. Write for prices, etc., to

The Imperial Cement Company, Limited
OWEN SOUND, ONT.

THE CANADIAN SEWER PIPE CO.

MANUFACTURERS OF



FOR

Sewers, Culverts and Water Pipes
Inverts for Brick Sewers

WRITE FOR DISCOUNTS

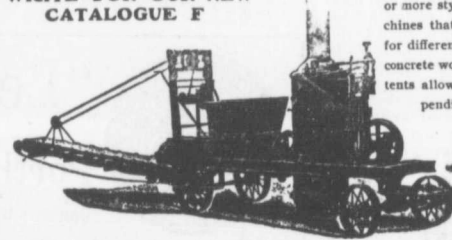
ST. JOHNS, P.Q. HAMILTON, ONT. TORONTO, ONT.

The Greatest Concrete Mixer Yet Made

WRITE FOR OUR NEW
CATALOGUE F

This is only one of 30
or more styles of ma-
chines that we make
for different kinds of
concrete work. 10 pa-
tents allowed, others
pending

NUMBER OF PATENTS
35,654
672,534
675,035
675,036
675,037
696,182
698,910
699,667
699,668
701,312



Also
Mortar and
Asphalt Mixers

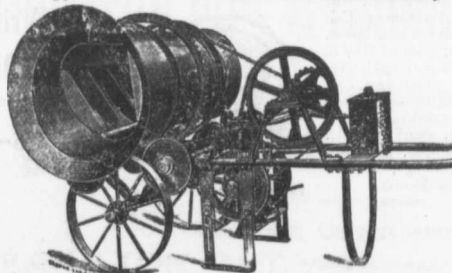
DRAKE STANDARD MACHINE WORKS

Factory, 7-9-11-13 Garden Street, Chicago.
Office and Salesroom, 108-100-302 W. Jackson Boul.
Chicago, Ill., U. S. A.
Eastern Agent, Walter S. King, 27 St. John's Place, Brooklyn, N. Y.

Please mention THE CONTRACT RECORD when corresponding with advertisers.

THE McKELVEY CONCRETE MIXERS

MANUFACTURED BY **W. A. McKELVEY,** McKinnon Building, TORONTO.



These machines
are made to mix
either continu-
ously or in
batches, and can
be operated
either by Hand
Steam or Gas-
oline Power.

ited
DGES
ING
Work.
Pile Hammer
s, Dock Build
redging.
WRECKER
g.
- Toronto
e M. 2007.
rks
ems
lectric,
and
and
gall
MITED
EAL. P.O.

University. Plans for the building will be prepared at once, and the work begun as soon as possible.—The Shawinigan Water & Power Company have announced that they will construct a second transmission line between Shawinigan Falls and this city.—L. O. David, City Clerk, will receive tenders up to April 21st for the supply of materials for construction of permanent pavements and sidewalks, also for the work of construction.

TORONTO, ONT.—The Ontario Government is asking for tenders up to April 9th for boiler plant, steam heating, plumbing and electric wiring and equipment of the Chemistry, Mining and Milling Building School of Practical Science, this city, also for the erection of an Administration Building at the Hospital for Epileptics near Woodstock, Ont.—J. Francis Brown, architect, is taking tenders for erection of store corner Sorauren ave. and Wright street.—A. Bryce & Company, 2 Toronto street, want tenders for brick and plaster work of two brick houses on Gloucester street.—The Kemp Manufacturing Company have given notice to the tenants to vacate the houses occupying the site of the proposed addition to their works to be built at end of Bell street.—Beverley Jones, 18 Toronto street, desires tenders by April 9th for erection of building at the Victoria Industrial School, Mimico.—C. J. Gibson, architect, has completed plans for addition to factory of the Office Specialty Company at Newmarket. Tenders for carpenter and mason work close to-day.—It is understood that the E. W. Gillett Co., 32-34 Front street east, intend commencing the erection of a large factory within a year.—The plans of pier wharf to be built at Parry Sound may be seen at the office of H. A. Gray, Confederation Life Building.—The Dominion Government purposes remodelling the entire interior of the Customs House in this city.—E. Ashton & Sons, 1352 Queen street east, want plans and tenders for erection of a gravel screening plant.—J. A. Ellis, architect, has prepared plans for a large three-story pressed brick addition to the factory of Matthews Bros. near the Dundas street bridge.—The Board of Control are asking for new tenders up to April 6th for erection of fire hall on Berkeley street, and up to April 5th for construction of a number of asphalt, brick and tar macadam pavements and concrete sidewalks.—The by-law to raise \$1,000,000 for improvement of the water-works system was carried by the rate-payers last week. The first work to be undertaken will be the laying of a conduit from the lake, for which specifications have already been prepared. This will be followed by the construction of a large main on Bathurst street and a tunnel under the bay.—Chadwick & Beckett, architects, are preparing plans for remodelling the building at north-west corner of Yonge and Albert streets for T. Proctor, jeweller.—Building permits have been granted as follows:—A. Matton, two-storey rough cast dwelling, O'Connell avenue, cost \$9,000; J. Bowman, two-storey and attic brick dwelling, 455 Davenport road, cost \$4,000; Mrs. K. E. Wharin, two-storey addition to dwelling, 1964 Queen street east, cost \$2,000; Albert Kleaier, brick addition to warehouse, 6 Wellington street east, cost \$2,500; Educational Publishing Co., brick warehouse and office, Shuter street, near Yonge, cost \$3,000; Samuel May & Co., alterations and underpinning factory, 102 and 104 Adelaide street west, cost \$3,500; B. H. Morehouse, two-storey and attic brick dwelling, north side First avenue, near Broadview, cost \$2,400; H. C. Stevens and T. W. Dutton, pair two-storey and attic brick dwellings, 204 and 206 Jamieson avenue, cost \$6,000.

CONTRACTS AWARDED.

CALGARY, N. W. T.—Sanatorium for Dr. Wills; W. B. Benson, contractor; G. M. Lang, architect.

EDMONTON, N. W. T.—Brick block for Hudson's Bay Co.; Charles May, contractor, cost \$70,000.

HANOVER, ONT.—H. Prast, this place, has been awarded the contract of building a sash and door factory at Car-gill.

OTTAWA, ONT.—Supply of vitri-

ol pipe for Board of Works; J. A. Sey-bold, contractor \$4,522.30. The Ottawa Lumber Co. secured the contract for lumber at \$6,470.

JOHN GALT, C.E. & M.E.

MEM. CAN. SOC. C.E. AND C.E.A., ETC.

CONSULTING ENGINEER and EXPERT

National Trust Building
20 King Street East Toronto

Specialties—Water Supply and Sewerage.

JOSSON CEMENT .. Manufactured at NIEL ON RUPELL

Is the Highest Grade Artificial Portland Cement and the Best for High Class Work. Has been used largely for Government and Municipal Works. TO BE HAD FROM ALL CANADIAN DEALERS

C. I. de Sola, Manager in Canada .. 180 St. James Street, MONTREAL

Portland Cement...

HIGH GRADE GERMAN BRANDS FOR GRANOLITHIC AND ARTIFICIAL STONE SIDEWALKS.

**Sewer Pipes, Best English Cements. Best Belgian Cements
Culvert Pipes, &c. W. McNALLY & CO., Montreal**

The KERR ENGINE COMPANY, Limited

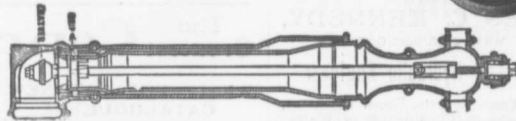
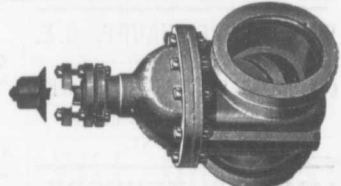
PUMPING MACHINERY

HYDRANTS and VALVES

Are our Specialty

Don't fail to write us for Catalogue and prices.

WALKERVILLE. - ONTARIO



"Lehigh" Portland Cement

Capacity 11,000 Barrels every Day in the Year.

For Sidewalks and all other work requiring the highest quality Portland Cement Used by the U.S. Government and the largest contractors and users of Portland Cements in the United States.

Absolutely the most popular Cement in Canada on account of its merits.
For Prices, etc., address—

THORN CEMENT CO. - Buffalo, N. Y.

Portland Cement..

ALL GRADES.

Write or Telegraph to

BELLHOUSE, DILLON & CO.

201-203 Coristine Building, St. Nicholas Street, Montreal

for prices—Large stock constantly on hand.



Largest Makers in the World.



arch 30, 1904
 ks : J. A. Sey-
 The Ottawa
 contract for

, C.E.&M.E.
 C.E.A., Etc.
 t and EXPERT
 at Toronto
 Sewerage.

ufactured at.
 ON RUPELL
 for High
 al Works.
 ot, MONTREAL

t...
 an Cements
 D., Montrea
 Limited

March 30, 1904

CANADIAN CONTRACT RECORD

The Successor to the Pick and Shovel
**Beaver
 Post Hole Digger**



The pick and shovel combined in one, and results
 equally good with loose soil, clay or gravel.

Will pay for itself in one day and last a life-time.

CANADA FOUNDRY COMPANY, LIMITED

Head Office and Works: TORONTO, ONT.

District Offices : MONTREAL HALIFAX OTTAWA WINNIPEG VANCOUVER VICTORIA ROSSLAND

THOS. J. DRUMMOND,
 President.

JAMES T. McCALL,
 Secretary-Treasurer.

C. ED. GUDWILL,
 Vice-President

Montreal Pipe Foundry Co., Limited

Special
 Castings
 Flange Pipe
 Branches
 Hydrants
 Valves



CAST IRON PIPE

Valve Boxes
 and
 general
 Water
 Works
 Supplies

Works at : LACHINE, QUE.
 THREE RIVERS, QUE.
 LONDONDERRY, N. S.

Combined daily capacity :
 175 Tons Pipes and Castings.

HEAD OFFICE CANADA LIFE BUILDING,

MONTREAL

ALEX. GARTSHORE, President. J. G. ALLAN, Secretary and Treasurer. JAS. THOMSON, Vice-President and General Manager.

**THE GARTSHORE-THOMSON PIPE & FOUNDRY CO.
 LIMITED.**

Manufacturers of:::

Flexible and Flange Pipe.
 Special Castings and all kinds of
 Waterworks Supplies



3 inches to 60 inches diameter.

For Water, Gas, Culvert and Sewer

~~~~~ HAMILTON, ONT. ~~~~~

**THE GOOD ROADS MACHINERY COMPANY, LIMITED**  
144 York St., HAMILTON, CANADA

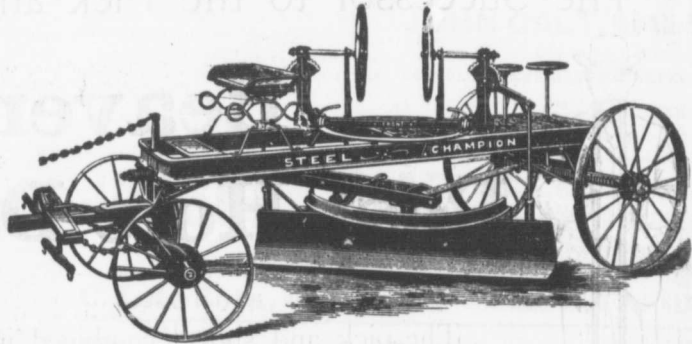
**THE REVERSIBLE STEEL  
"Champion"**

Is the KING OF GRADERS.  
**SIMPLE, STRONG AND DURABLE**

—READ—  
One Record of a Thousand:  
Magog, Que., Aug. 21, 1903.  
Good Roads Machinery Co.,  
Hamilton, Ont.

GENTLEMEN—Our Steel CHAMPION is giving very good satisfaction; requires very little repairs though often used with six heavy horses on our rough and stoney roads.

L. A. AUDET, Secty.-Treas.  
AGENCIES—The Waterloo Engine Works Co., Vancouver, B.C.; and Winnipeg, Man.; T. A. Morrison, Montreal, 204 St. James St.; J. Clark & Son, Fredricton, N. B.; G. A. Lonsbury Co., Newcastle, N. B.; Shub & Prince, Truro, N. S.



**Prices of Building Materials.**

**F.P.B. F.O.B.**  
**MILTON PRESSED BRICK AND SEWER PIPE CO.**

|               | F.O.B. Milton, Ont. | F.O.B. Montreal |
|---------------|---------------------|-----------------|
| Red No. 1     | 15 00               | 15 00           |
| " 2           | 14 00               | 14 00           |
| Buff No. 1    | 30 00               | 30 00           |
| " 2           | 25 50               | 25 50           |
| Brown         | 30 50               | 30 50           |
| Roman Red     | 33 50               | 33 50           |
| Buff          | 40 50               | 40 50           |
| Brown         | 13 00               | 13 00           |
| Hard Building | 12 00               | 12 00           |
| Sewers        | 11 50               | 11 50           |
| Backing       |                     |                 |

*Please write for catalogue and prices.*

**DON VALLEY PRESSED BRICK WORKS.**

|                                                     |       |       |
|-----------------------------------------------------|-------|-------|
| Nos. 1, 2 and 3, Red Pressed Bricks                 | 12 50 | 13 00 |
| Nos. 1 and 2 Buff Pressed Brick                     | 8 50  | 14 00 |
| No. 1 Brown Pressed Brick                           | 13 00 | 18 50 |
| Pompeian Red, Buff and Brown Pressed Bricks         | 30 00 | 35 50 |
| Ornamental Bricks of all kinds for Mantel purposes  | 30 00 | 35 50 |
| Porous Terra Cotta Fireproofing of all Descriptions | 13 00 | 18 50 |
| Vitrified Street-Paving Bricks                      | 30 00 | 35 50 |
| Semi-Vitrified Foundation Bricks                    | 30 00 | 35 50 |
| Common Stock Red and Grey Bricks                    | 6 50  | 12 00 |
| Sewer Bricks                                        | 6 50  | 12 00 |
| Stone for Macadamized Roadways                      | 5 00  | 11 50 |

*Please write for catalogue and prices.*

**ORONTO PRESSED BRICK AND TERRA COTTA WORKS**

|                                                                            | F.O.B. Milton, Ont. | F.O.B. Montreal |
|----------------------------------------------------------------------------|---------------------|-----------------|
| Red No. 1                                                                  | 12 50               | 13 00           |
| " 2                                                                        | 8 50                | 14 00           |
| Buff No. 1                                                                 | 13 00               | 18 50           |
| " 2                                                                        | 30 00               | 35 50           |
| Brown                                                                      | 30 00               | 35 50           |
| Roman Red                                                                  | 30 00               | 35 50           |
| Buff                                                                       | 30 00               | 35 50           |
| Brown                                                                      | 35 00               | 40 50           |
| Hard Building                                                              | 6 50                | 12 00           |
| Sewers                                                                     | 6 50                | 12 00           |
| Back ing                                                                   | 6 50                | 12 00           |
| Moulded and Ornamental from \$2.00 to \$5.00 per sq. ft.                   |                     |                 |
| Terra Cotta String Courses and Frieze, from sq. ft. to \$2.00 per ft. run. |                     |                 |
| Roofing Tiles, \$20.00 per 1,000, \$23.00 Montreal                         |                     |                 |

**BEAMSVILLE BRICK AND TERRA COTTA CO.**

|                                                      | F.O.B. Beamsville, Ont. | F.O.B. Montreal |
|------------------------------------------------------|-------------------------|-----------------|
| Red Peerless Facing                                  | 13 00                   | 18 50           |
| " No. 1                                              | 11 00                   | 16 50           |
| " No. 2                                              | 8 50                    | 14 00           |
| Brown Peerless Facing                                | 30 00                   | 35 50           |
| " No. 1                                              | 18 00                   | 23 50           |
| Buff Peerless                                        | 20 00                   | 25 50           |
| " No. 1                                              | 18 00                   | 23 50           |
| " No. 2                                              | 15 00                   | 20 50           |
| Moulded and Ornamental Brick from \$3 to \$10 per C. |                         |                 |
| Roman Red (Size 12 x 4 x 1 1/4 in.)                  | 28 00                   | 33 50           |
| " Buff                                               | 28 00                   | 33 50           |
| " Brown                                              | 34 00                   | 39 50           |
| Vitrified Paving Brick No. 1                         | 18 00                   | 23 50           |
| " " No. 2                                            | 15 00                   | 20 50           |
| Sewer                                                | 6 00                    | 11 00           |
| Roofing Tile                                         | 22 00                   | 26 00           |

**TORONTO POTTERY CO. F. O. B. Toronto**

|              | Car lots | Less     |
|--------------|----------|----------|
| Boil         | 21 00 M. | 26 00 M. |
| W. W. Co.    | 24 50 M. | 28 50 M. |
| Savage Crown | 28 50 M. | 32 00 M. |

**STONE.**

|                                                                  | Toronto | Montreal |
|------------------------------------------------------------------|---------|----------|
| Common Rubble, per ton, delivered at building                    | 13 50   | 11 00    |
| Large flat Rubble, per ton, delivered                            | 14 00   | 12 00    |
| Foundation Blocks, per c. ft.                                    | 4'      | 50       |
| Granite (Stanstead) Ashlar, 4 in. to 12 in., rise 9 in., per ft. |         | 15       |

**W. & F. P. CURRIE & CO.**

345 St. James St., Montreal

SEWER PIPES.  
CULVERT PIPES, ETC.  
VENT LININGS,  
FLUE COVERS,  
FIRE BRICKS,  
FIRE CLAY,  
WHITING.



Importers of  
**PORTLAND CEMENTS,**  
HIGH GRADE ENGLISH  
" " GERMAN  
" " BELGIAN  
**PLASTER OF PARIS**  
**BORAX,**  
**CHINA CLAY.**

|                                          | Toronto | Montreal | STATE                         | Toronto | Montreal          |
|------------------------------------------|---------|----------|-------------------------------|---------|-------------------|
| Amherst Red Sandstone                    | 81      | 70       | Roading (12 square)           |         |                   |
| Sack " N B                               |         |          | red stone                     | 20 00   | 20 00             |
| red stone f. o. b. Quarries              | 45      | 45       | unfading green                | 9 00    | 11 00             |
| Stanstead granite paving                 |         |          | black                         | 9 00    | 6 00              |
| 12 1/2 in. per M.                        |         |          | Terra Cotta 1 1/2 per sq. ft. | 18 00   | 18 00             |
| 2 1/4 in. per M.                         |         |          | State 2 1/2                   |         | 77 30             |
| Granite curbing stone 6x                 |         |          |                               |         |                   |
| 30 in. per lineal foot                   | 70      | 70       |                               |         |                   |
| Bucktonche Olive Freestone               | 85      | 65       | <b>PORTLAND CEMENT.</b>       |         |                   |
| Olive Sandstone (Indian-                 |         |          | English—                      |         |                   |
| town, N. B.)                             | 80      | 70       | Br. of's Subbridge Anchor     | 35 40   | 200 2 10          |
| Brown Sandstone (Sack-                   |         |          | Excelsior Brand               |         | 2 10              |
| wille, N. B.)                            | 80      | 70       | Belgian                       |         |                   |
| Most red sandstone, per                  |         |          | "Castle" Brand                |         | 2 10 2 15         |
| cu. ft.                                  | 60      | 60       | "Jasson" Brand                | 2 50    | 2 70 2 30 2 40    |
| Black Pasture buff stone                 |         |          | "North's Condor               | 2 40    | 2 50 2 10 2 5     |
| per cu. ft.                              | 55      | 55       | Cathedral                     | 2 35    | 2 50 2 00 2 10    |
| Nova Scotia blue grey, per cu. ft.       |         |          | "White Cross                  | 2 25    | 2 30 2 10 2 30    |
| Course, 6 to 8 in. bed, f. o.            |         |          | Atlas                         | 2 25    | 2 35 2 10 2 35    |
| b. St. Mary's, per cord                  |         |          | Hammer                        |         | 1 50 1 90         |
| Foot, 6 to 10 in. wide, per              |         |          | Fed Cross Brand               |         | 1 95              |
| cubic foot                               | 7 00    | 15       | Waterloo                      |         | 2 25              |
| Dimension Stone, f. o. b. St.            |         |          | Racvel's 35 lb. bbl.          |         | 2 35              |
| Mary's, per cubic foot                   | 35      | 35       | Leslie                        |         | 2 50              |
| Granite (Laurentian Pink) Ash-           |         |          | White Star                    | 2 25    | 2 55 1 9          |
| lar, 6 to 12 in., rise 9 in., per c. ft. | 25      | 25       | German—                       |         |                   |
| Dimension Stock Granite, (Laur-          |         |          | Offenbacher Brand             | 2 80    | 2 90 2 30 2 45    |
| entian Pink) for building                |         |          | Dyckerhoff                    | 2 50    | 2 70 2 40 2 50    |
| purposes, per c. ft., f. o. b. quarries  | 40      | 40       | Karlstadt                     | 2 80    | 2 90 2 40 2 50    |
| Do., for polishing purposes, up          |         |          | Heemmoor                      | 2 30    | 2 90 2 40 2 50    |
| to 2 tons weight, per cubic foot         | 70      | 70       | Cannon                        | 2 40    | 2 50              |
| Dimension stock granite for              |         |          | Heidelberg                    | 2 30    | 2 40              |
| building purposes, per cu. ft.           |         |          | Canadian—                     |         |                   |
| Do., for polishing purposes, up          |         |          | Rathburn's Star               | 1 90    | 2 10 2 40 2 50    |
| to 2 tons weight, per cubic ft.          | 1 00    | 1 00     | Ensign                        | 1 70    | 1 90              |
| Paving sets, per thousand block          | 60 00   | 60 00    | Cladell                       | 2 00    | 2 00 2 00         |
|                                          |         |          | Trowel                        |         | 1 75 1 80         |
|                                          |         |          | Samson Brand                  | 2 00    | 2 05              |
|                                          |         |          | Magnet                        | 1 80    |                   |
|                                          |         |          | Monarch                       | 2 00    |                   |
|                                          |         |          | Hercules                      | 2 00    |                   |
|                                          |         |          | Lion Brand                    | 1 75    |                   |
|                                          |         |          | Imperial                      | 1 80    |                   |
|                                          |         |          | Cresent 375 lbs. gross        | 2 30    | 2 40 1 95 2 05    |
|                                          |         |          | Diamond 350 "                 | 2 20    | 2 30 1 85 1 95    |
|                                          |         |          | American—                     |         |                   |
|                                          |         |          | Aloha Brand                   | 1 80    | 1 90 2 30 2 50    |
|                                          |         |          | Alsen's                       | 2 40    | 2 00 2 35 2 35    |
|                                          |         |          | Length, in bbl., 3 1/2 lbs.   | 2 00    | 2 00              |
|                                          |         |          | " cotton sacks, 350 net       | 2 25    | 2 55              |
|                                          |         |          | " open bags                   | 2 10    | 2 25              |
|                                          |         |          | "Iron Clad" in bags 350 lbs.  | 1 90    | 1 90              |
|                                          |         |          | "Invicta"                     | 1 75    | 1 80              |
|                                          |         |          | "Adirondack"                  | 1 80    | 1 80              |
|                                          |         |          | Keene's Superfine "Whites"    | 10 00   | 12 00 9 00 10 00  |
|                                          |         |          | Keene's C-38 "White s"        | 6 50    | 7 00 5 50 5 00    |
|                                          |         |          | Fire Bricks, Newcastle, per M | 27 00   | 34 00 15 00 22 00 |
|                                          |         |          | " Scotch                      | 26 00   | 32 00 19 00 23 00 |
|                                          |         |          | Plaster, Calcined, N. B.      | 2 00    | 2 00              |
|                                          |         |          | " " N. S.                     | 2 00    | 1 84 2 00         |